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**Smart Technology**

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## Developers
GDC 2000 Archives

The Gemplus Developer Conference 2000 took place at " Le Corum " Conference Center in Montpellier, France, on 20-21 June 2000.

Have a look at the topics discussed at Gemplus Developer Conference 2000:

**Tracks**

Integrating Security in Open Systems with Smart Cards

Network Security

Technologies & Components

Services for Open OS-based application development

Mobile Services and Mobile Internet Access

**Integrating Security in Open Systems with Smart Cards**

OPEN OPERATING SYSTEMS FOR SMART CARDS

- Application development on Multos™

SECURITY CONCEPTS

- Smart Card security basics
- Cryptographic algorithms

OPEN OPERATING SYSTEMS FOR SMART CARDS

- Application development on Java Card™

**Network Security**

ENTERPRISE SECURITY
Deploying a Public Key Infrastructure for smart card applications

- Policy-based smart card issuance for PKI
- Issues in enterprise deployment of smart card based PKI
- Applications of GemXpresso™ and GemSAFE™ cards in Guandong Telecom CA

GEMSAFETM ENTERPRISE

GDC2

Location -
(FRANCE)

Date - 20-

Gemplus :

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Pre-confe

Flash

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- GemSAFE™ Enterprise Architecture
- GemSAFE™ Enterprise Card Issuance & Card Management
- Applications built on GemSAFE™ Enterprise technology
- GemSAFE™ Enterprise Software Development Kit
- GemSAFE™ Enterprise in tomorrow 's networking environments

## INTERNET & SMART CARDS

- URL Autorun: a proposed standard implementation of URL in a smart card
- The multi-application smart card: a key enabler for e-commerce services

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## Technologies & Components

### CHIPS FOR CARDS
Which processor architecture for new applications? (Round table)

### MICRODEVICES & SYSTEMS
From Smart Card To Smart Object

- Pinocchio™ , a very high capacity card
- Screen Card & user interface
- Battery and real time clock

### COMMUNICATION PROTOCOLS
Alternatives To Current Protocols

- Internet protocols & Smart Cards
- New buses: MultiMediacard™, USB...

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## Services for Open OS-based application development

### FRAMEWORK

- Developing a Smart Card Standardization Framework
- Smart-card Support in Solaris 8
- PC/SC Com-Interface-based Service Providers

### FRAMEWORK & HIGH-LEVEL SERVICES

- Service Registry for Open Smart Cards
- Smart Cards on the MacOS™
- JC-Studio

### LEGACY/NEW APPLICATIONS AND RELIABLE DEVELOPMENT

- Detecting illegal information flow using abstract interpretation and model checking
- Proton™ on Java Card™
- Automatic test generation for Java Card™ applets

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## Mobile Services and Mobile Internet Access

### SMART WIRELESS

- Welcome to the Wireless World
- Opportunities with the New SIM Standards
  - o SIM Toolkit

     o  WAP
     o  USIM & 3G

## DEVELOPING MOBILE VALUE-ADDED-SERVICES

- How to benefit from Smart Cards
- Optimize your SIM Development with GemXplore™ Case
- GemXplore™ Case: Present and Future Development Tools for Wireless Services
- Mobile Value-Added-Services on the Move: E-Purse: Migrating from Classical CEPS environment to Mobile World

## MOBILE VALUE-ADDED SERVICES ON THE MOVE

- Cash Card Mobile Top-Up: First Dual Slot application to be deployed
- Secured Mobile Commerce

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